

Multi-functional Optical Disk Driving device

Abstract

The invention relates to a multi-functional optical disk driving device used in personal computer (PC), which has functions of a compact-disk (CD) driver, a digital versatile disk (DVD) driver, a frequency modulated (FM) radio, a MP3 music CD player, such device comprises: a multi-functional vision process controller (VPC) having a PC power on status detector; a microprocessor; a bus switch; an optical disk server; and a connecting device. The multi-functional optical disk driving device of present invention is characterized in that the device can perform these functions without making use the control from the operating system (OS) of a personal computer even if the PC is off and these functions are performed by the PC when the PC is on. The connecting device having a POWER connector, a DVD-ROM CD-DA ANALOG AUDIO OUTPUT connector, and a SPDIF (Sony-Philips Digital Interface) connector, wherein the connecting device includes a dominator connector, the dominator connector having a control bus and an output bus, by which the extensibility of the optical disk driving device can be increased.

(Fig.1)